



219.40432X00  
Serial No. 09/963,637

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants: BRIST et al.  
Serial No.: 09/963,637  
Filed: September 27, 2001  
For: WAVEGUIDE IN A PRINTED CIRCUIT BOARD  
AND METHOD OF FORMING THE SAME  
Group Art Unit: 2874  
Examiner: Sung H. Pak

AMENDMENT

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

May 28, 2003

Sir:

In response to the Office Action dated May 2, 2003, please amend the above-identified application as follows:

IN THE CLAIMS:

Please cancel claim 20 without prejudice or disclaimer.

Please amend 5, 9, 10, 13-15, 17 and 19 as follows:

5. (Amended) The method of claim 1, wherein said at least one metalized surface comprises sidewall surfaces and a bottom surface of a waveguide structure.

TECHNOLOGY CENTER 2800  
MAY 30 2003  
USPTO  
FBI

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# FEE TRANSMITTAL for FY 2003

Effective 01/01/2003 Patent fees are subject to annual revision

 Applicant claims small entity status. See 37 CFR 1.27**TOTAL AMOUNT OF PAYMENT (\$)**

126.00

**Complete if Known**

Application Number	09/963,637
Filing Date	September 27, 2001
First Named Inventor	BRIST et al.
Examiner Name	2874

MAY 28 2003

Art Unit

Sung H. Pak

Attorney Docket No.

219.40432X00

**METHOD OF PAYMENT** (check all that apply) Check  Credit Card  Money Order  Other  None Deposit Account

Deposit Account Number 01-2135

Deposit Account Name Antonelli, Terry, Stout &amp; Kraus, LLP

The Commissioner authorized to: (check all that apply)

- Charge fees indicated below  Credit any overpayments  
 Charge any additional fee(s) during the pendency of this application  
 Charge fees indicated below, except for the filing fee to the above-identified deposit account.

**FEE CALCULATION****1. BASIC FILING FEE**

Large Entity Fee Code (\$)	Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description
1001	750	2001	375 Utility filing fee
1002	330	2002	165 Design filing fee
1003	520	2003	260 Plant filing fee
1004	750	2004	375 Reissue filing fee
1005	160	2005	80 Provisional filing fee

**Fee Paid****SUBTOTAL (1)****3. ADDITIONAL FEES**

Large Entity Fee Code (\$)	Fee (\$)	Small Entity Fee Code (\$)	Fee (\$)	Fee Description
1051	130	2051	65	Surcharge – late filing fee or oath
1052	50	2052	25	Surcharge – late provisional filing fee or cover sheet
1053	130	1053	130	Non-English specification
1812	2,520	1812	2,520	For filing a request for ex parte reexamination
1804	920*	1804	920*	Requesting publication of SIR prior to Examination action
1805	1,840*	1805	1,840*	Requesting publication of SIR after Examiner action
1251	110	2251	55	E-tension for reply within first month
1252	410	2252	205	E-tension for reply within second month
1253	930	2253	465	E-tension for reply within third month
1254	1,450	2254	725	E-tension for reply within fourth month
1255	1,970	2255	985	E-tension for reply within fifth month
1401	320	2401	160	Notice of Appeal
1402	320	2402	160	Filing a brief in support of an appeal
1403	280	2403	140	Request for oral hearing
1451	1,510	1451	1,510	Petition to institute a public use proceeding
1452	110	2452	55	Petition to revive – unavoidable
1453	1,300	2453	650	Petition to revive – unintentional

**2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE**

Fee from Extra Claims below			Fee Paid
Total Claims	33	-26** = 7	x 18 = 126.00
Indep. Claims	4	-4** = 0	x 0 = 0
Multiple Dependent			=

Fee Paid			
1501	1,300	2501	650 Utility issue fee (or reissue)
1502	470	2502	235 Design issue fee
1503	630	2503	315 Plant issue fee
1406	130	1460	130 Petitions to the Commissioner
1807	50	1807	50 Processing fee under 37 CFR 1.17(q)
1806	180	1806	180 Submission of Information Disclosure Stmt
8021	40	8021	40 Recording each patent assignment per property (times number of properties)

Large Entity Fee Code (\$)	Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description
1202	18	2202	9 Claims in excess of 20
1201	84	2201	42 Independent claims in excess of 3
1203	280	2203	140 Multiple dependent claim, if not paid
1204	84	2204	42 ** Reissue independent claims over original patent
1205	18	2205	9 ** Reissue claims in excess of 20 and over original patent

Fee Description			
1809	750	2809	375 Filing a submission after final rejection (37 CFR § 1.129(a))
1810	750	2810	375 For each additional invention to be examined (37 CFR § 1.129(b))
1801	750	2801	375 Request for Continued Examination (RCE)
1802	900	1802	900 Request for expedited examination of a design application

Other fee (specify) \_\_\_\_\_

\*Reduced by Basic Filing Fee Paid

**SUBTOTAL (3) (\$)****SUBMITTED BY****Complete (if applicable)**

Name (Print/Type)	David C. Oren	Registration No. (Attorney/Agent)	38,694	Telephone	(703) 312-6600
Signature					Date 05/28/2003

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